

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048300.D
 Acq On : 22 Oct 2025 15:50
 Operator : JC/MD
 Sample : Q3399-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-ROLLOFF

Quant Time: Oct 23 14:28:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

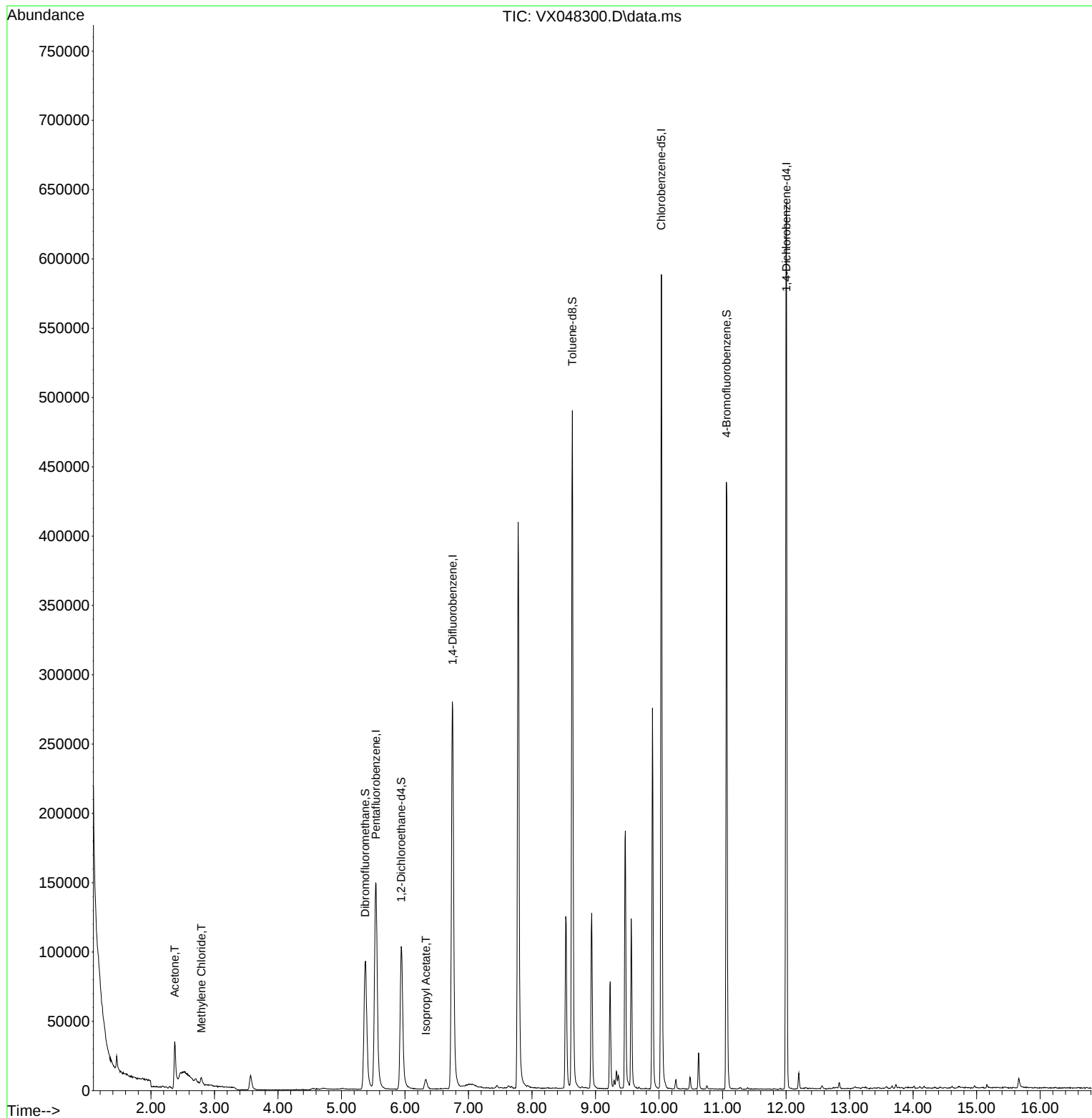
Internal Standards						
1) Pentafluorobenzene	5.544	168	155579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	306649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	274083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111265	51.008	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.020%
35) Dibromofluoromethane	5.373	113	91463	43.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	8.635	98	303466	41.356	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	82.720%#
62) 4-Bromofluorobenzene	11.061	95	128881	46.169	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.340%
Target Compounds						
						Qvalue
16) Acetone	2.373	43	47589	63.594	ug/l	94
20) Methylene Chloride	2.794	84	2353	1.290	ug/l #	77
43) Isopropyl Acetate	6.330	43	11664	2.879	ug/l	97

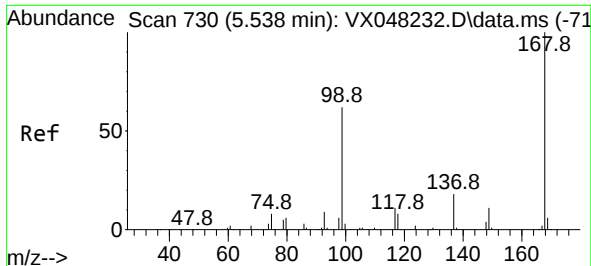
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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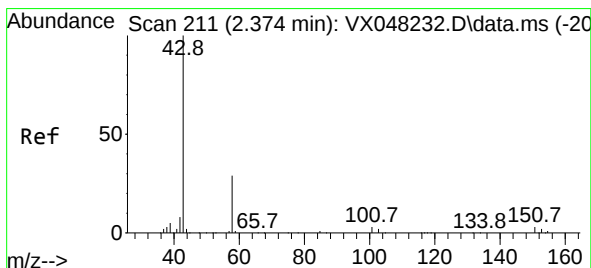
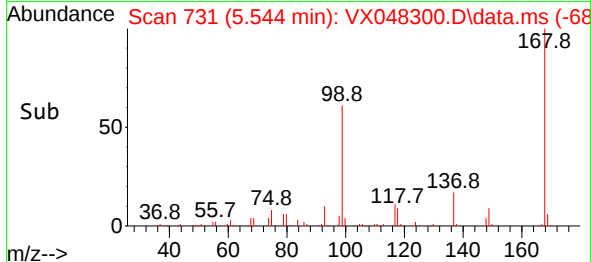
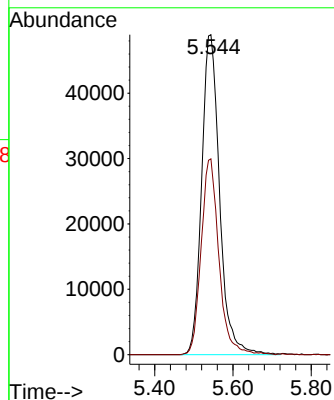
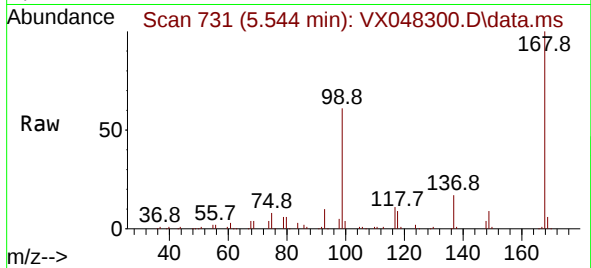




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

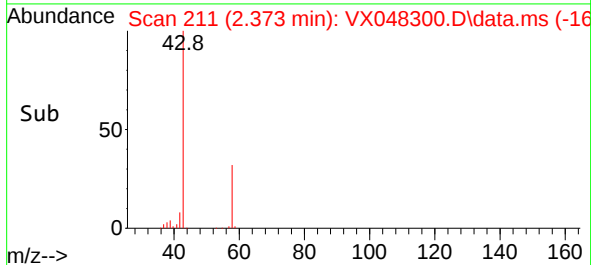
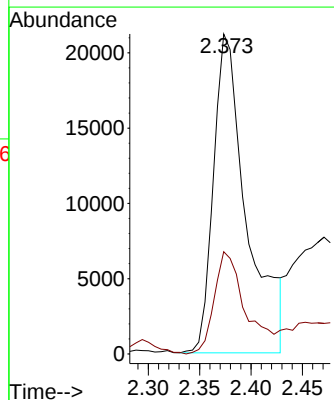
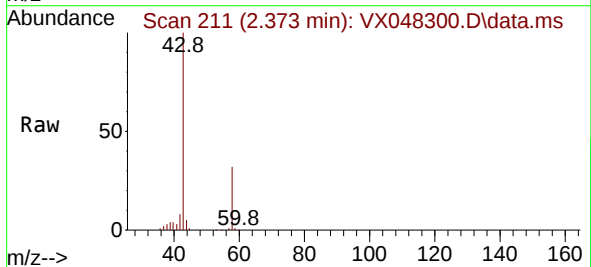
Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

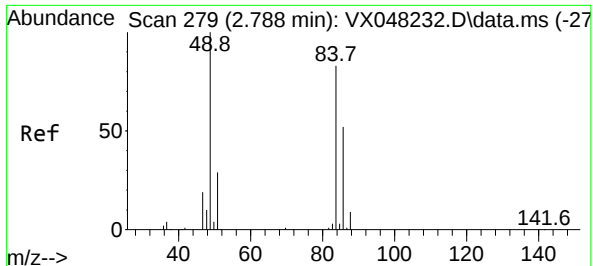
Tgt Ion:168 Resp: 155579
Ion Ratio Lower Upper
168 100
99 61.2 46.4 69.6



#16
Acetone
Concen: 63.594 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 43 Resp: 47589
Ion Ratio Lower Upper
43 100
58 32.6 23.4 35.2

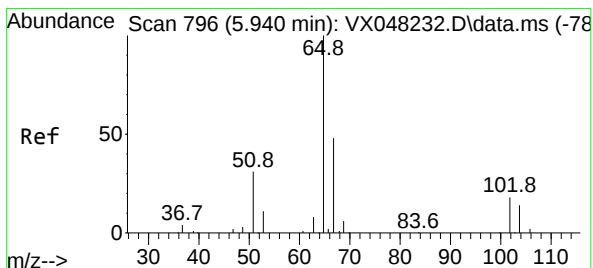
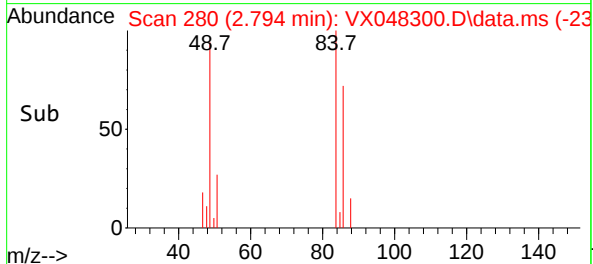
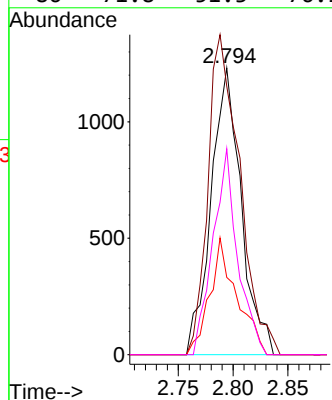
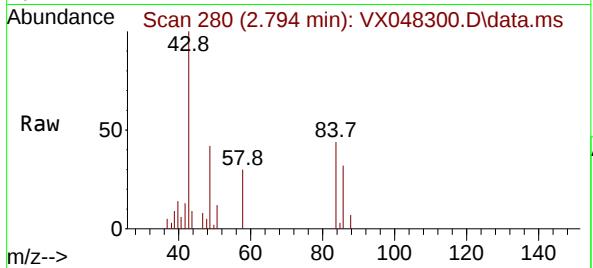




#20
Methylene Chloride
Concen: 1.290 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

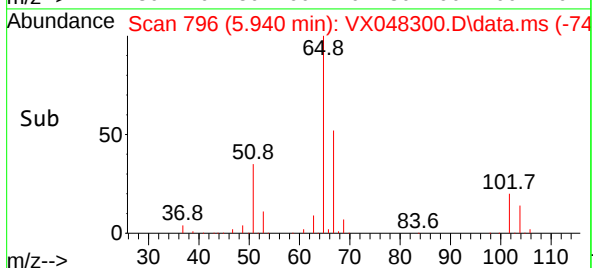
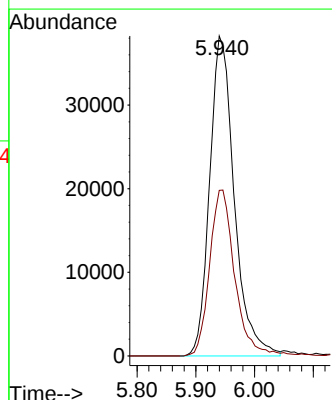
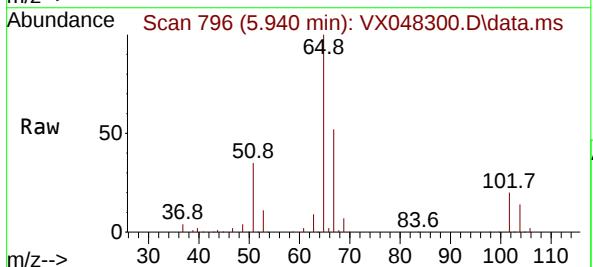
Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

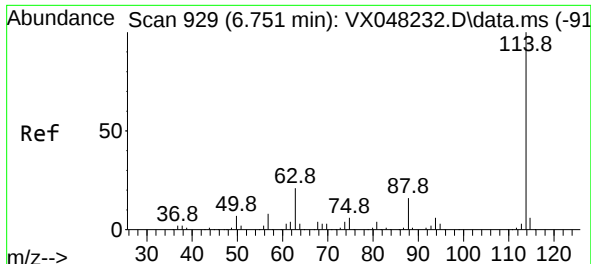
Tgt Ion: 84 Resp: 2353
Ion Ratio Lower Upper
84 100
49 93.7 104.1 156.1#
51 27.0 31.3 46.9#
86 71.8 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 51.008 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 65 Resp: 111265
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0

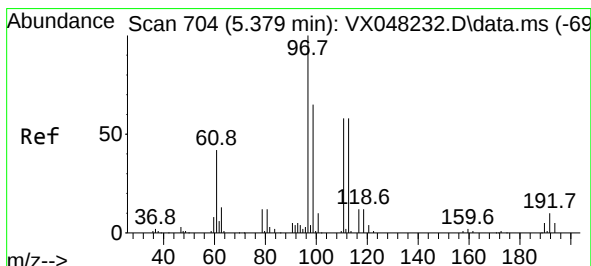
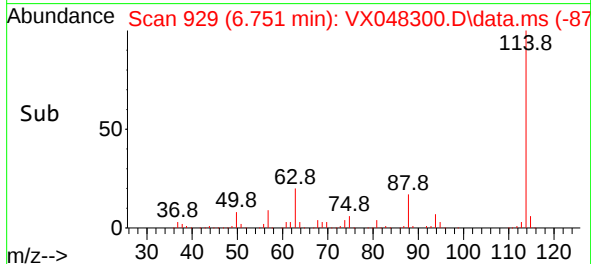
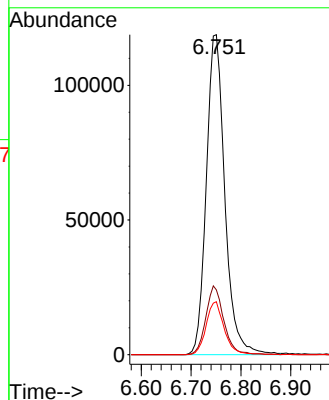
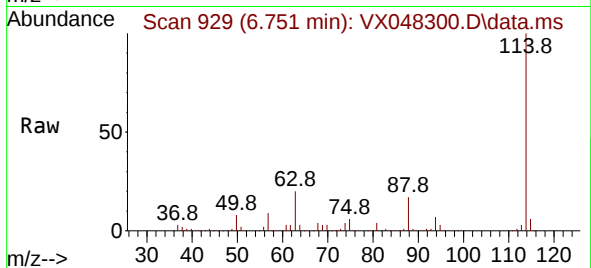




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

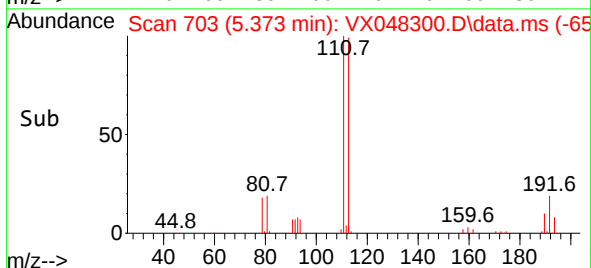
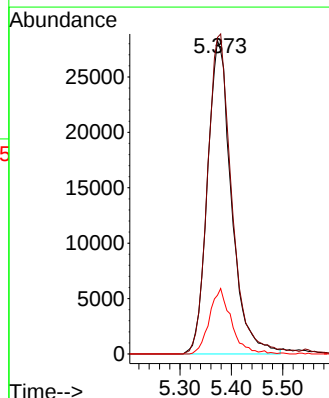
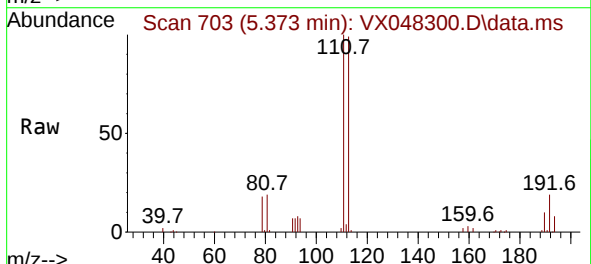
Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

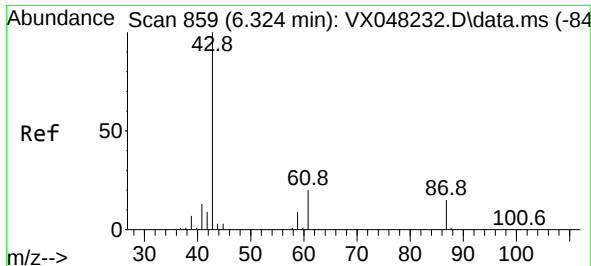
Tgt Ion:114 Resp: 306649
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 43.690 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion:113 Resp: 91463
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.1 15.1 22.7

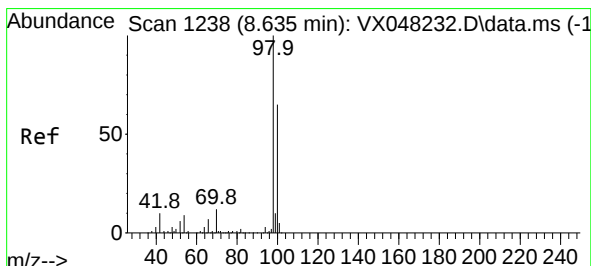
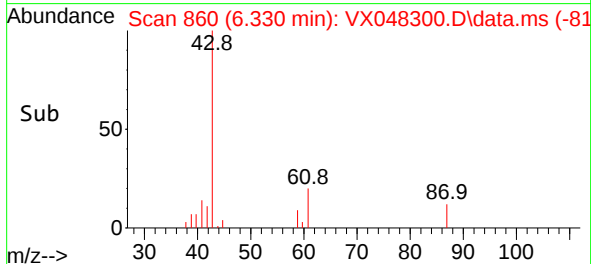
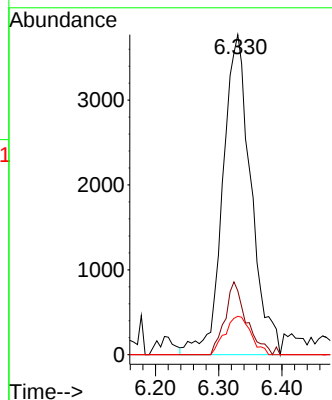
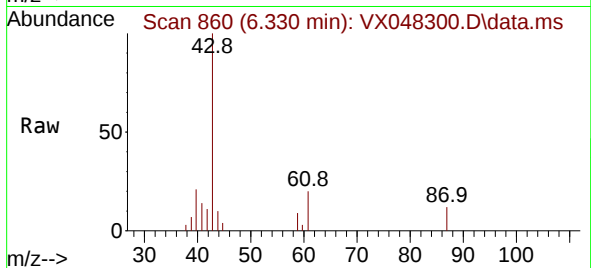




#43
Isopropyl Acetate
Concen: 2.879 ug/l
RT: 6.330 min Scan# 859
Delta R.T. 0.006 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

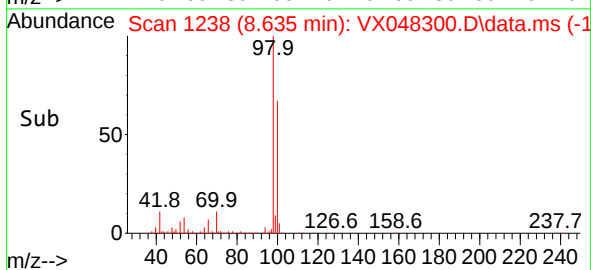
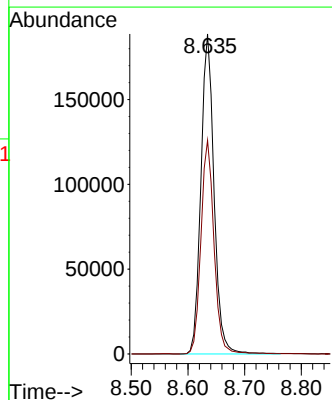
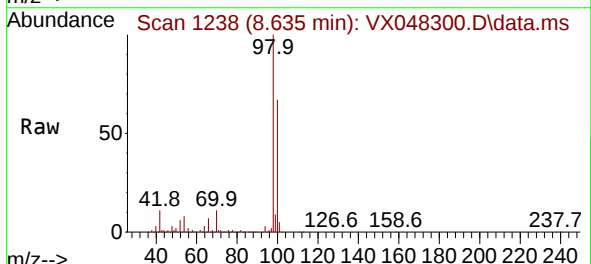
Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

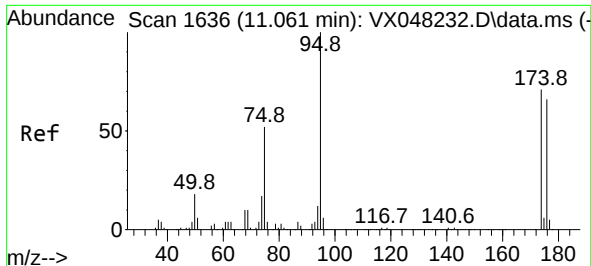
Tgt Ion: 43 Resp: 11664
Ion Ratio Lower Upper
43 100
61 17.2 14.9 22.3
87 11.0 9.4 14.2



#50
Toluene-d8
Concen: 41.356 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 98 Resp: 303466
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

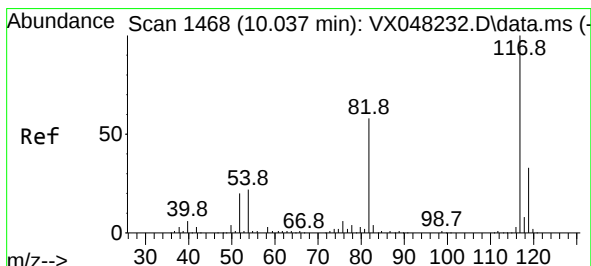
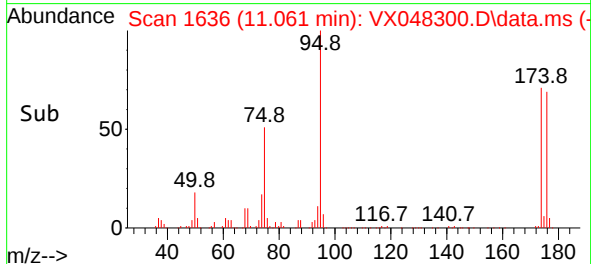
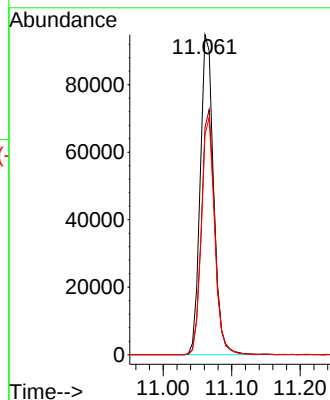
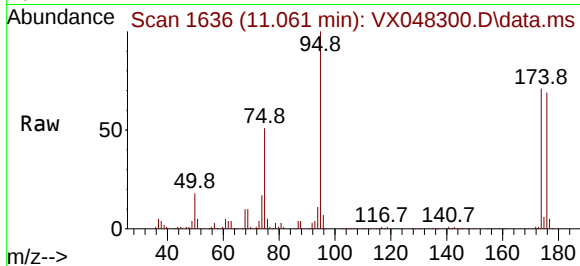




#62
4-Bromofluorobenzene
Concen: 46.169 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

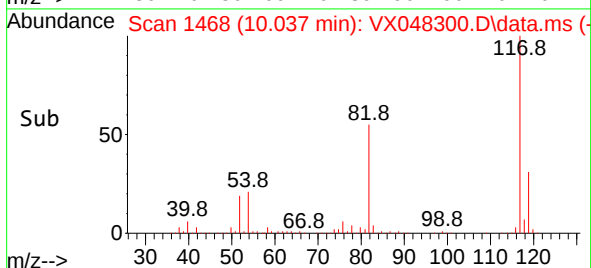
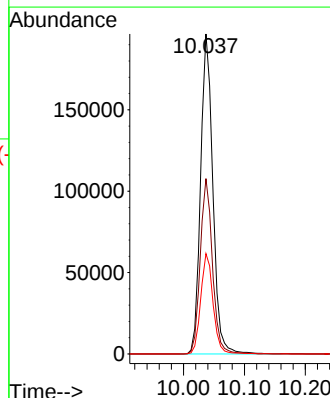
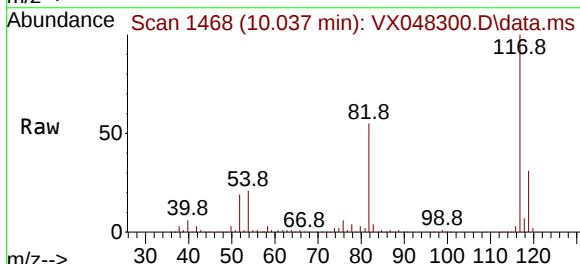
Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

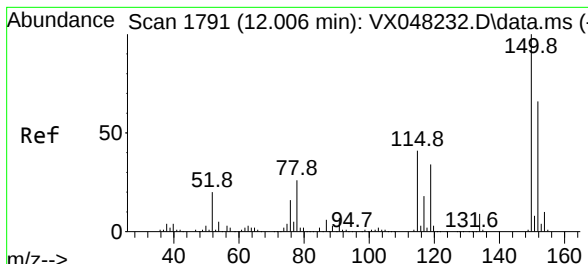
Tgt Ion: 95 Resp: 128881
Ion Ratio Lower Upper
95 100
174 76.9 0.0 147.8
176 73.6 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

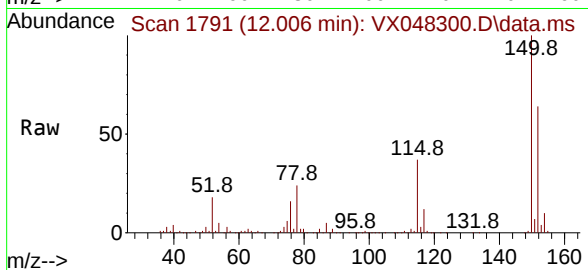
Tgt Ion: 117 Resp: 274083
Ion Ratio Lower Upper
117 100
82 54.8 46.5 69.7
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048300.D
 Acq: 22 Oct 2025 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-ROLLOFF



Tgt Ion:152 Resp: 141254
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.1 129.4
 150 157.5 0.0 353.0

